City of Scottsdale Green Building Program

POROUS PAVEMENT PRODUCTS & RESOURCES

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GRADED AGGREGATE Stabilized decomposed granite and soils		
Pre-stabilized Granite - 1/4" minus decomposed granite pre-blended with organic stabilizing compound; Soilshield-LS - liquid copolymer concentrate which bonds decomposed granite	Soil-Loc, Inc. (Scottsdale, AZ) (480) 948-8114, www.soilloc.com	
100% recycled pine tree resin mixed with decomposed granite and other aggregates to produce a water repellent surface.	Matrx Industries (Phoenix, AZ) 602-758-2815	
Soiltac - polymer-based emulsion used to stabilize soils and decomposed granite Stabilizer Solutions - stabilized binder and	Soilworks, LLC (Gilbert, AZ) (480) 545-5454, www.soilworks.com Stabilizer Solutions Inc. (Phoenix, AZ)	
reinforcement for decomposed aggregate Soil-Sement – stabilization for decomposed granite MARLOC – compounded waterborne	(602) 225-5900, <u>www.stabilizersolutions.com</u> EarthCare Consultants, LLC (AZ) 888-792-4001, <u>www.earthcareconsultants.com</u> Reclamare Company (WA)	
copolymer emulsion used to stabilize soil materials Trade association software for storm water	(206) 824-2385, <u>www.reclamare.com</u> National Stone, Sand & Gravel Assoc. (VA)	
infiltration structure design	703-525-8788, <u>www.nssga.org</u>	
BASE SUPPORT FOR AGGREGATE AND GROUND MATERIAL Interlocking open grid for stabilizing ground material such as decomposed granite, soil and vegetation for heavy traffic areas and erosion control		
Gravelpave2 – geotextile fabric molded directly to one inch high tubular cells (typically 100% post-consumer recycled content) to provide load bearing support and containment of gravel to create a porous pavement surface	Invisible Structures, Inc. (CO) 800-233-1510, <u>www.invisiblestructures.com</u> GeoSupply (AZ) 602-305-8094, <u>www.geosupply.com</u>	
for traffic and parking Netpave 50 for embedment in turf or gravel	Netlon Turf Systems (UK) www.netlon.co.uk (look for US distributors)	
TufftrackGrassRoad Pavers8 Plus – interlocking Honeycomb-void panels (minimum 25% post-consumer Recycled content)	NDS, Inc. (CA) 800-726-1994, <u>www.ndspro.com</u>	
PermaTurf – interlocking honeycomb-void panels, Sold as a DIY product (100% recycled content, unspecified Source)	PermaTurf Co., Inc. (NH) 800-498-4116, <u>www.permaturf.com</u>	
Geoblock – interlocking square-celled panels (minimum10% post-consumer recycled content)	Presto Products Company (WI) 800-548-3424, www.prestogeo.com	

Grassy Pavers – honeycomb-shaped voids (minimum 97% post-consumer recycled content)	RK Manufacturing, Inc. (MS) 800-957-5575, www.rkmfg.com	
GridTech Hex Panel – reusable, interlocking hexagonal panels, approximately 3 ft². (0.3 m²) each, particularly good for sand; also available in aluminum (100% recycled HDPE)	Grid Technologies, Inc. (RI) 800-959-7920, <u>www.gridtech.com</u>	
OPEN-JOINTED CONCRETE PAVERS Pavers with inherent voids between blocks		
Bio-Aquifer Storm System- engineered system of Z-pattern, square, or X-shaped pavers over well Prepared base	Advanced Pavement Technology (IL) 877-551-4200, www.advancedpavement.com	
Eco-Perm Pavers – square interlocking pavers; Different installation patterns achieve different void percentages	Air Vol Block, Inc. (CA) 805-543-1314, <u>www.airvolblock.com</u>	
Ecologic Pavers – wide range of concrete pavers that can be installed in porous applications	Capitol Ornamental Concrete Specialties, Inc. (NJ) 732-727-5460, www.capitolconcrete.com	
ECO 1 Pavers have a brick look; Monoslabs have a raised "waffle" pattern	EP Henry Corporation (NJ) 800-444-3679, <u>www.ephenry.com</u>	
Environpave Spacers – polyethylene and polypropylene pipe-style spacers for use with almost any paving block	Pave Tech, Inc. (MN) 800-728-3832, <u>www.pavetech.com</u>	
SF Rima are square pavers; SF Matoro-Drain is a two Dimensional, T-pattern, interlocking system for heavier Loads	SF Concrete Technology, Inc. (ON) 905-828-2868, www.sfconcrete.com	
UNI Eco-Stone – high-load interlocking pavers with Diamond-shaped corner voids	UNI-Group U.S.A. (FL) 800-872-1864, <u>www.uni-groupusa.org</u>	
Aquaterra – Z-pattern pavers for driveable surfaces	Unilock, Ltd. (IL) 800-864-5625, <u>www.unilock.com</u>	
Trade association information for design professionals, contractors, and homeowners	Interlocking Concrete Paver Institute (DC) 202-712-9036, www.icpi.org	
OPEN-CELLED CONCRETE PAVERS Pavers with integral voids for grass or drainage material		
Grass Paver – made from clay (not concrete); square, 5-hole pavers for use in dry and moderate climates	D'Hanis (TX) 800-299-9399, <u>www.dhanisbricktile.com</u>	
Turf Pavers – lattice-style grid in a large paver format	EP Henry Corporation (NJ) 800-444-3679. www.ephenry.com	
EcoGrid Pavers – square pavers with four square voids. Appropriate for moderate vehicle traffic.	Hanover Architectural Products (PA) 800-426-4242, www.hanoverpavers.com	
Checker Block – steel reinforced, 2-footsquare (0.2m2) Waffle-type tiles	Hastings Pavement Company, LLC (NY) 800-669-9294, www.hastingsarchitectural.com	
Turfstone – lattice-style containment for turf or aggregate	Nicolock (NY) 800-669-9294, <u>www.nicolock.com</u>	
Grasstone – Z-shaped, 8-void containment block for turf or aggregate	Pavestone (TX) 800-580-7283, <u>www.pavestone.com</u>	

POROUS CONCRETE No-fines concrete		
Grasscrete – similar to open-celled concrete pavers but cast-in-place as monolithic porous concrete pavement; the voids are filled with topsoil and turf	Bomanite (CA) 559-673-2411, <u>www.bomanite.com</u>	
Ecocreto – specialized admixture for porous concrete	Ecocreto of Texas, Inc. (TX) 512-312-5901	
StoneyCrete – porous concrete produced with proprietary admixture	Stoney Creek Materials, LLC (TX) 512-261-0821, www.stoneycreekmaterials.com	
Portland Cement Pervious Pavement Manual - porous concrete introduced by the trade association in the U.S.	Florida Concrete & Products Association 407-895-9333, www.fcpa.org	
POROUS ASPHALT "open-graded," no-fines asphalt with less tar		
Trade association information on porous asphalt	National Asphalt Pavement Association (MD)888-468-6499, www.hotmix.org	
RUBBER PAVEMENT AND PAVERS Flexible/cushioned pavement surfaces, often made from recycled tires		
PlayTiles –interlocking porous tiles made with recycled rubber, sold as playground surfacing (up to 90% post-consumer recycled material)	Dinoflex Manufacturing, Ltd. (BC) 877-713-1899, www.dinoflex.com	
Flexi-Pave and Flex-Path – site-installed porous urethane bonded crumb rubber pavement (rubber from used auto tires	KB Industries, Inc. (FL) 727-647-2307	
Sport Track – site installed poly-bonded rubber and EPDM granules, sold as running track surfacing	Hellas Construction Inc. (TX) 512-250-2910, www.hellasconstruction.com	
Safety Deck II – interlocking high-void tiles of recycled rubber and PVC; sold as trail and playground surfacing	Mat Factory, Inc. (CA) 800-628-7626, <u>www.matfactoryinc.com</u>	
DuraPaver and PlayBound Tile – recycled- rubber/polyurethane pavers and tiles for walkways and playgrounds	Surface America, Inc. (NY) 800-999-0555, <u>www.surfaceamerica.com</u>	

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